

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100164.D
 Acq On : 4 Nov 2017 5:47
 Operator : SJ/JU
 Sample : I6261-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 06:50:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

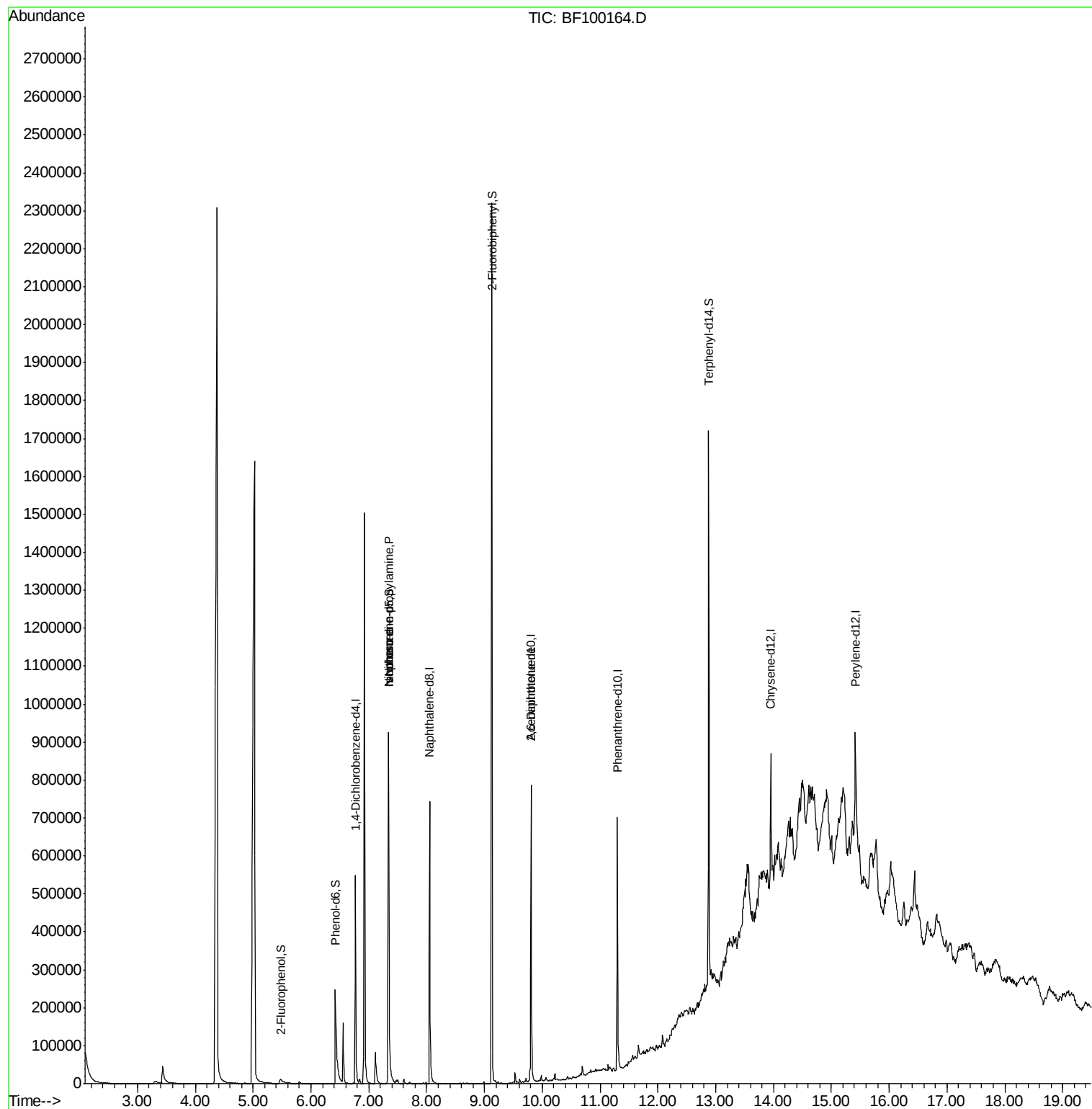
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	93537	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	381473	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	165867	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	253211	20.00	ng	0.00
75) Chrysene-d12	13.95	240	143810	20.00	ng	0.00
86) Perylene-d12	15.42	264	147194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	15696	2.63	ng	0.08
7) Phenol-d6	6.42	99	189210	26.78	ng	0.00
23) Nitrobenzene-d5	7.35	82	376251	63.50	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	173	0.11	ng	0.03
44) 2-Fluorobiphenyl	9.13	172	783936	72.92	ng	0.00
78) Terphenyl-d14	12.88	244	469594	71.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	46513	11.235	ng	# 70
25) Isophorone	7.35	82	376251	34.994	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	24699	8.945	ng	# 24

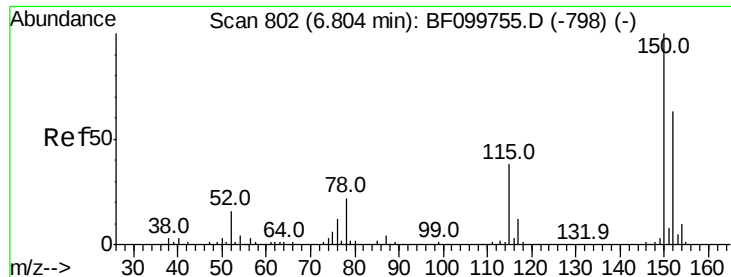
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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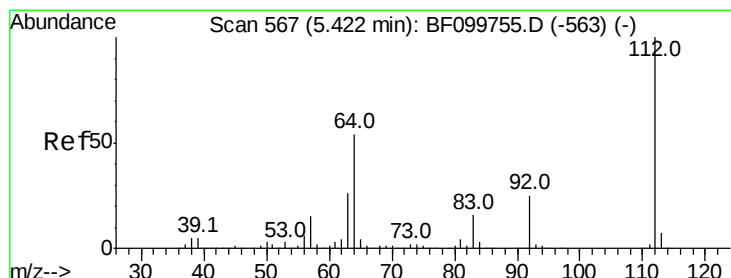
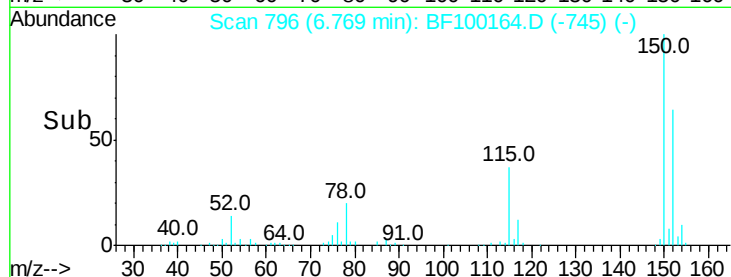
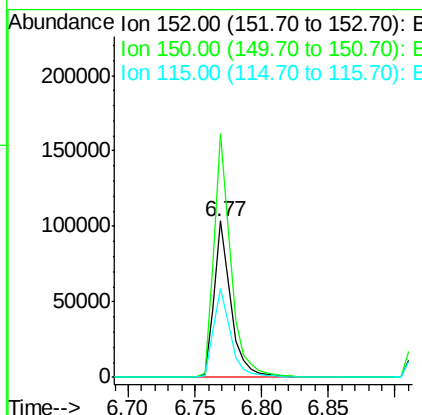
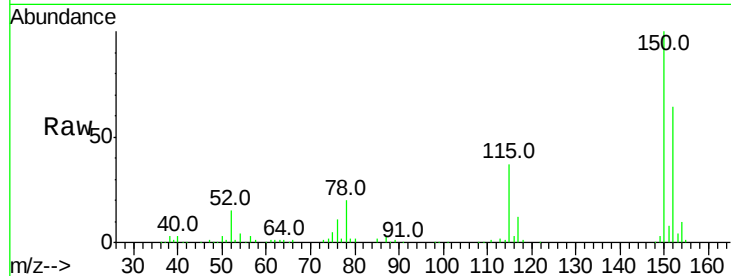


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100164.D
Acq: 4 Nov 2017 5:47

Instrument :
BNA_F
ClientSampleId :

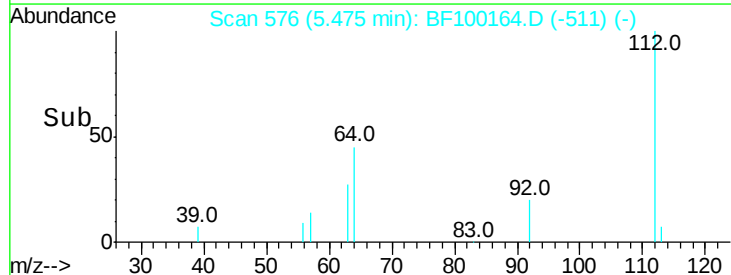
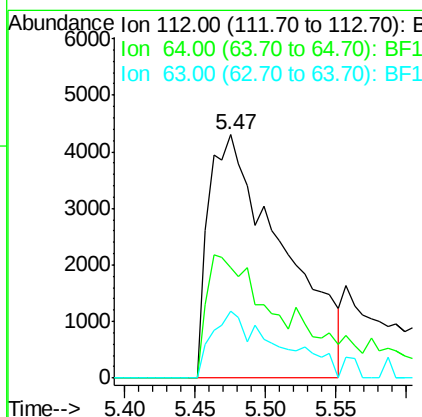
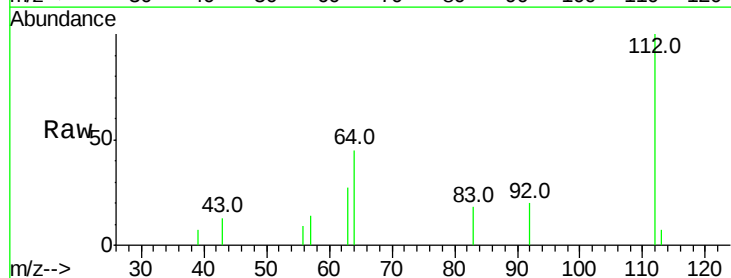
Tot Ion:152 Resp: 93537
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 57.0 50.1 75.1



#5

2-Fluorophenol
Concen: 2.634 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.08 min
Lab File: BF100164.D
Acq: 4 Nov 2017 5:47

Tgt Ion:112 Resp: 15696
Ion Ratio Lower Upper
112 100
64 45.3 47.9 71.9#
63 27.4 23.7 35.5





#7

Phenol-d6

Concen: 26.784 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100164.D

Acq: 4 Nov 2017 5:47

Instrument :

BNA_F

ClientSampled :

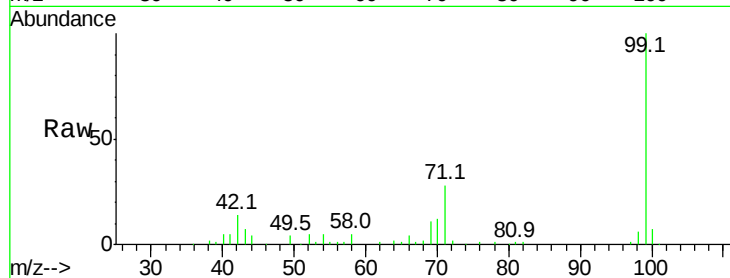
Tot Ion: 99 Resp: 189210

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

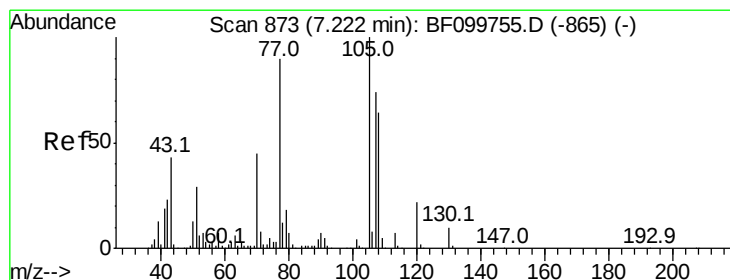
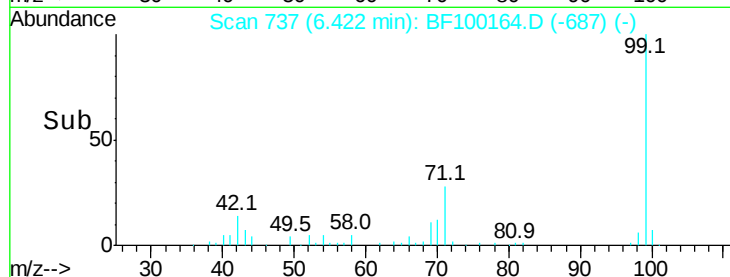
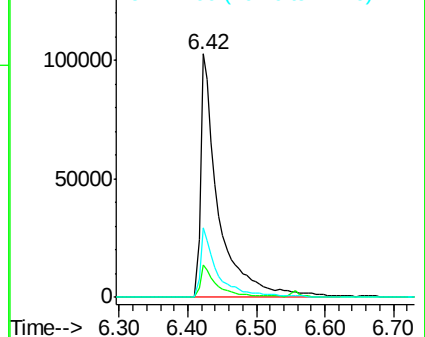
71 28.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.235 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.15 min

Lab File: BF100164.D

Acq: 4 Nov 2017 5:47

Tgt Ion: 70 Resp: 46513

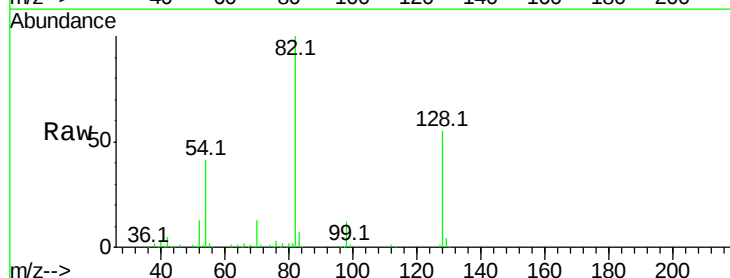
Ion Ratio Lower Upper

70 100

42 38.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

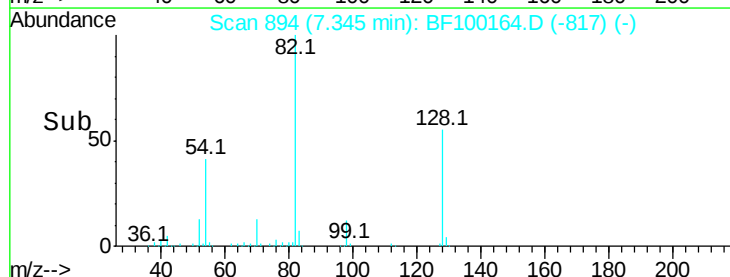
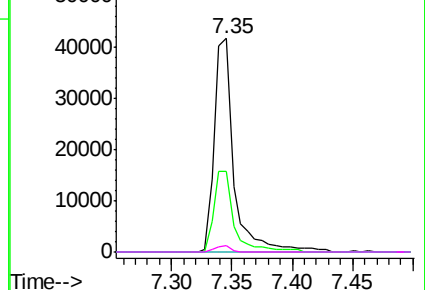


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

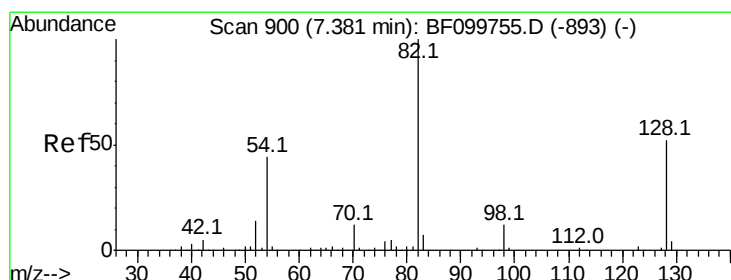
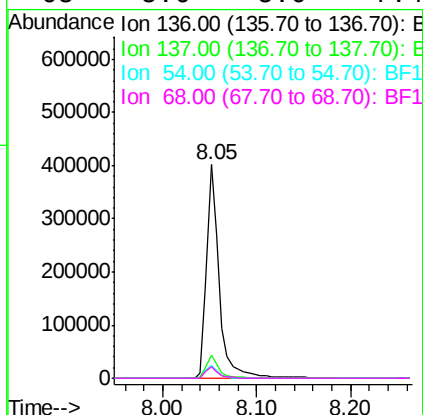
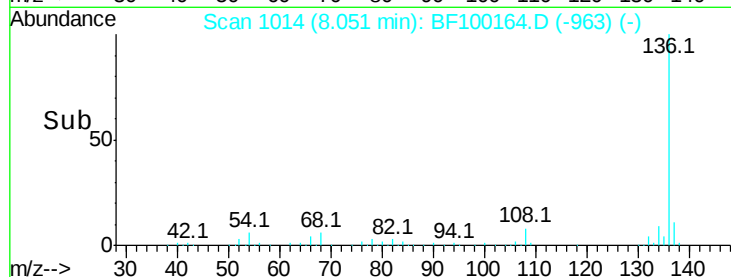
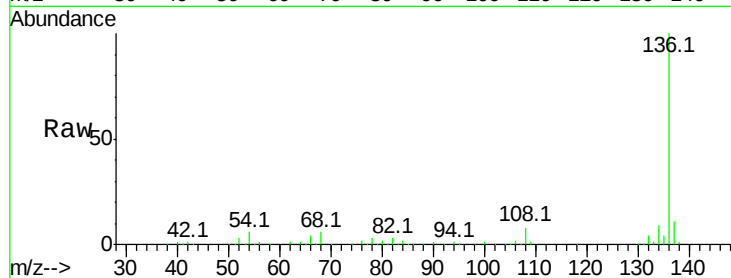




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100164.D
Acq: 4 Nov 2017 5:47

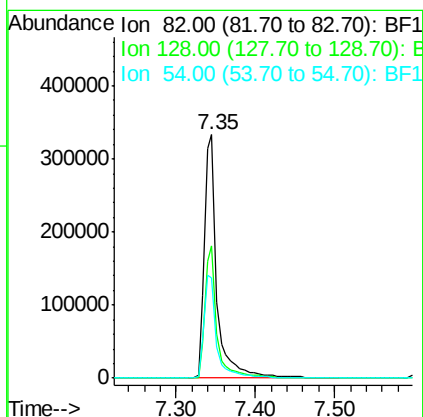
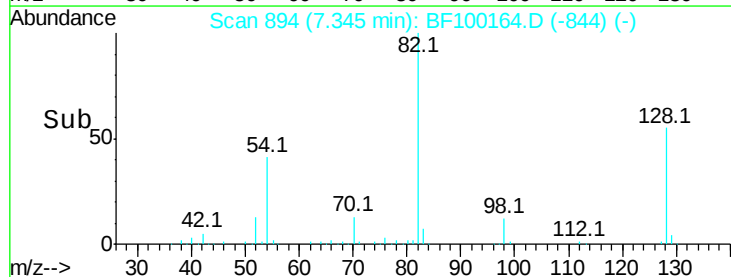
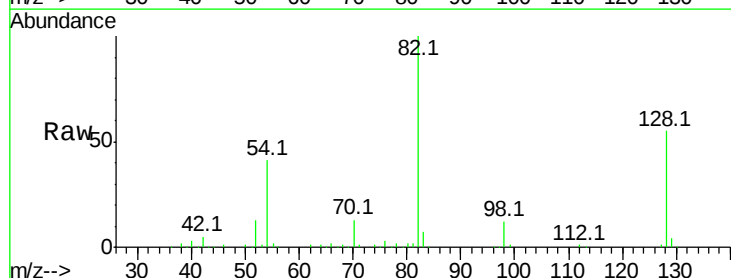
Instrument :
BNA_F
ClientSampleId :

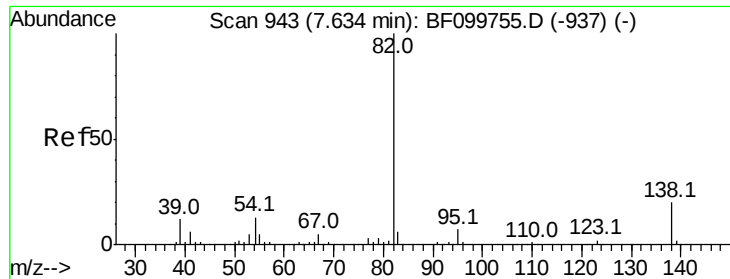
Tot Ion:	136	Resp:	381473
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.2	6.6	9.8#
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 63.499 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100164.D
Acq: 4 Nov 2017 5:47

Tgt Ion:	82	Resp:	376251
Ion	Ratio	Lower	Upper
82	100		
128	54.6	36.1	54.1#
54	41.4	41.4	62.2#

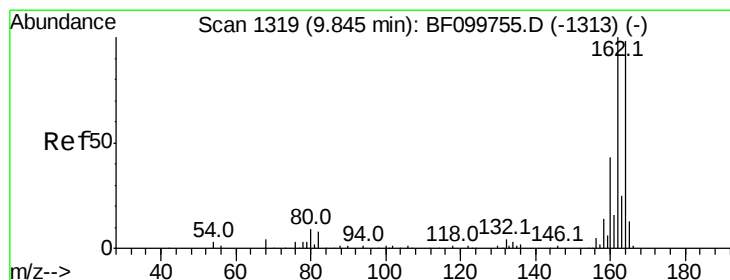
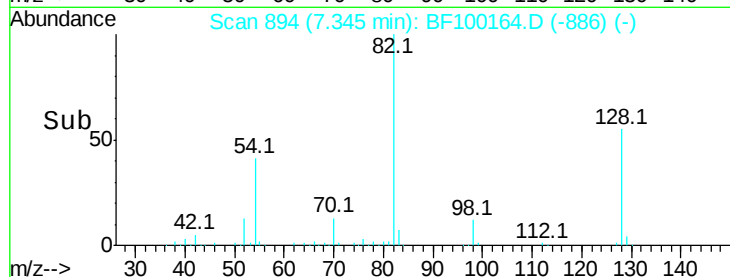
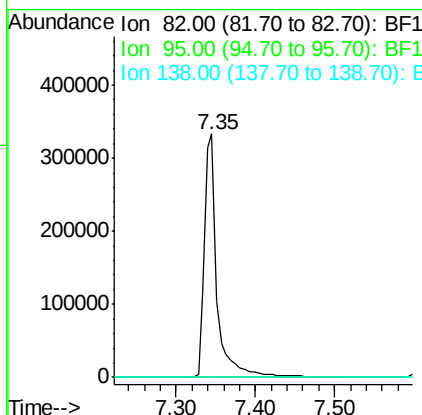
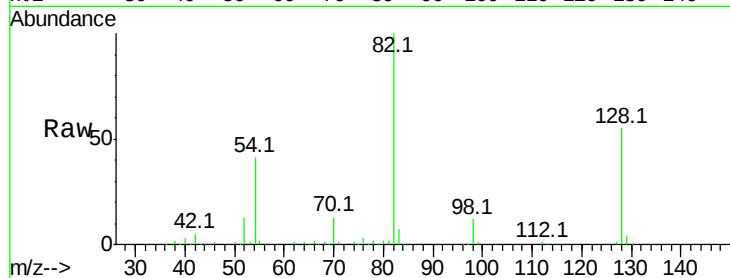




#25
Isophorone
Concen: 34.994 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.25 min
Lab File: BF100164.D
Acq: 4 Nov 2017 5:47

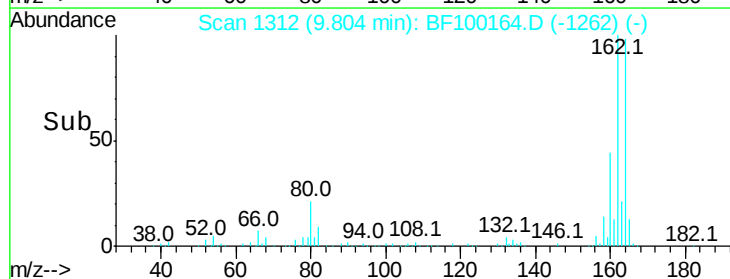
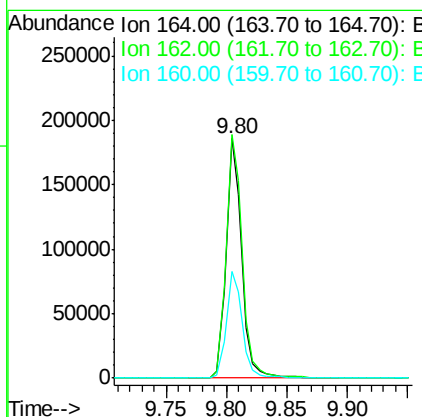
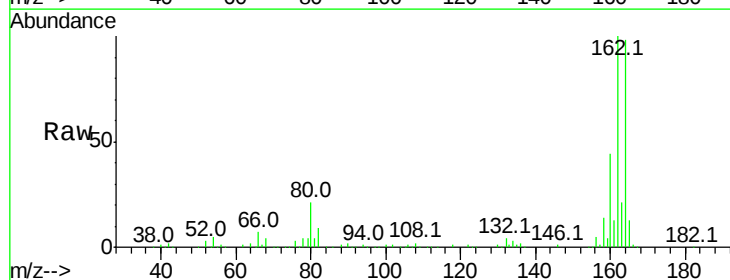
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 376251
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100164.D
Acq: 4 Nov 2017 5:47

Tgt Ion:164 Resp: 165867
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 44.3 38.3 57.5

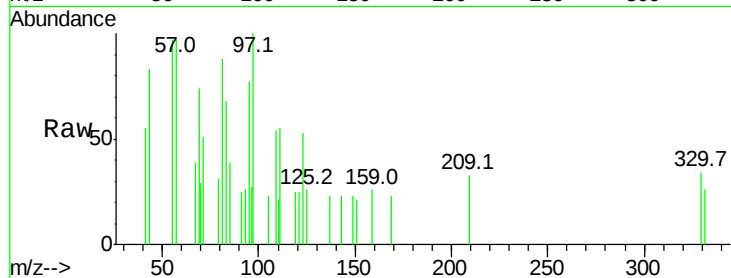




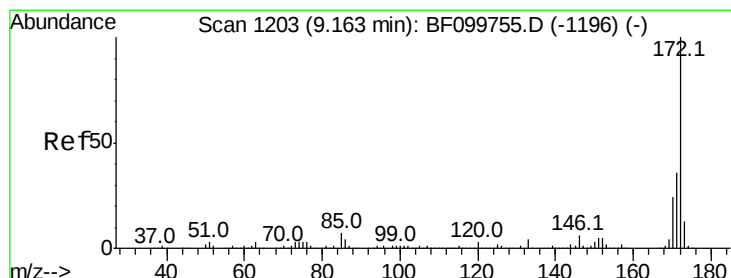
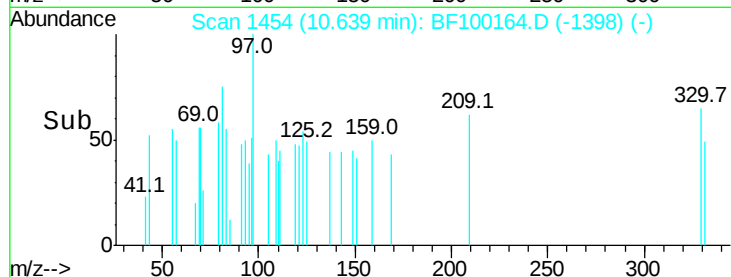
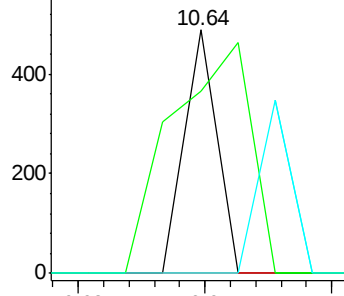
#41
 2,4,6-Tribromophenol
 Concen: 0.114 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.03 min
 Lab File: BF100164.D
 Acq: 4 Nov 2017 5:47

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:330 Resp: 173
 Ion Ratio Lower Upper
 330 100
 332 231.8 77.0 115.6#
 141 70.5 29.9 44.9#

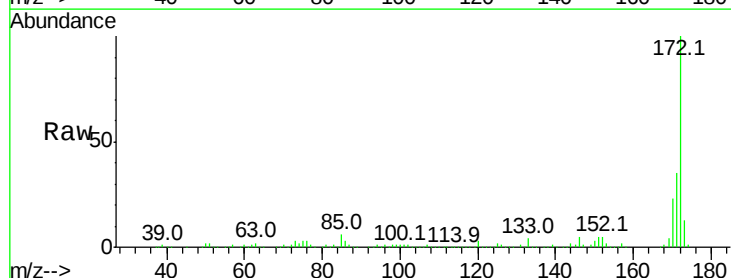


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

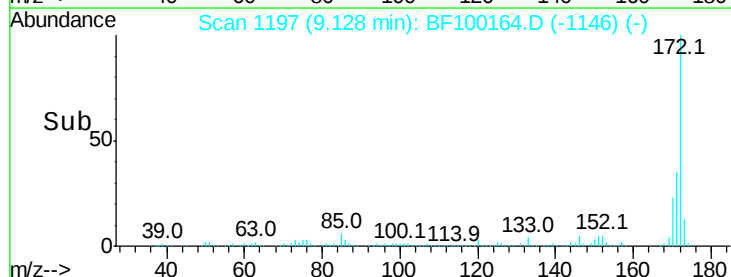
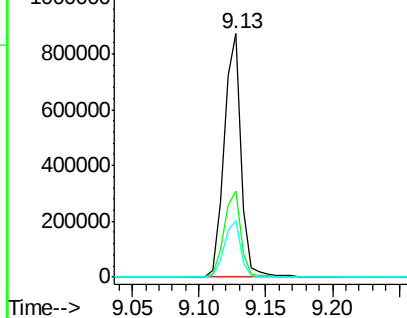


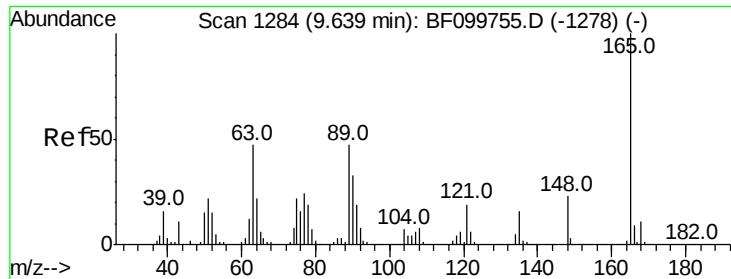
#44
 2-Fluorobiphenyl
 Concen: 72.919 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF100164.D
 Acq: 4 Nov 2017 5:47

Tgt Ion:172 Resp: 783936
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.5 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

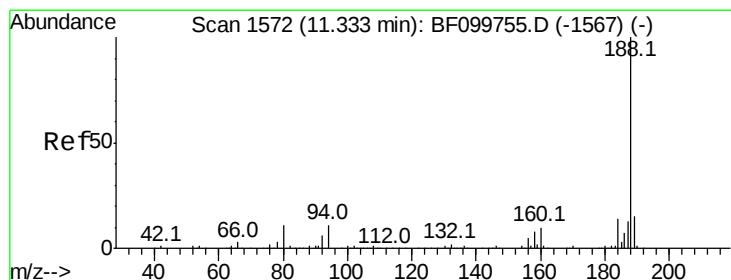
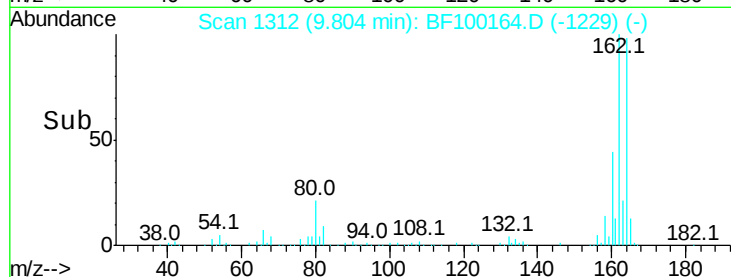
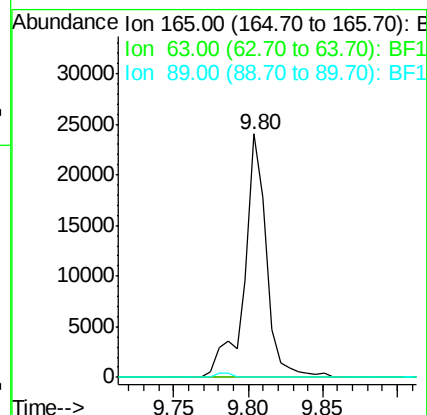
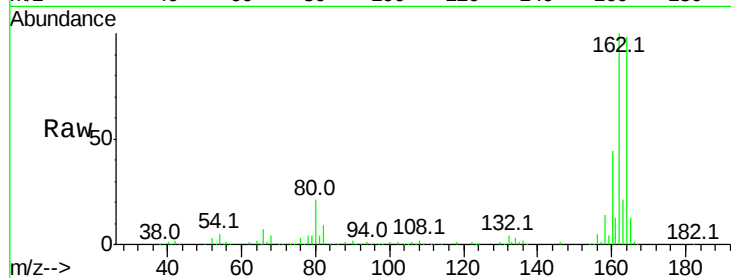




#50
 2,6-Dinitrotoluene
 Concen: 8.945 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100164.D
 Acq: 4 Nov 2017 5:47

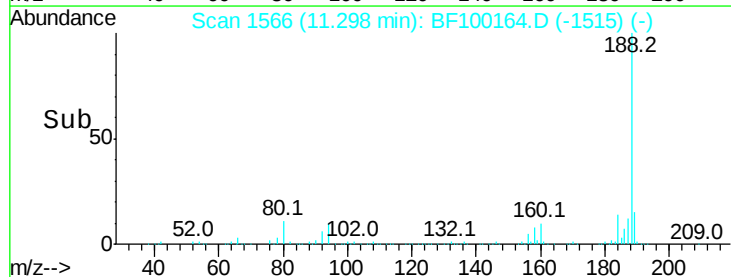
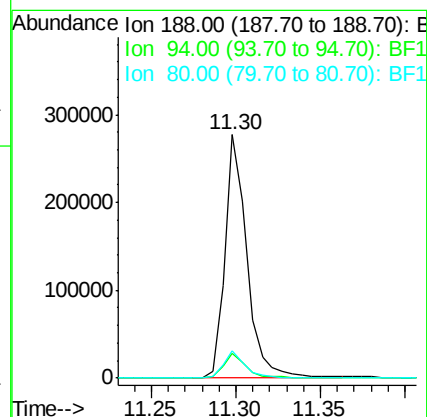
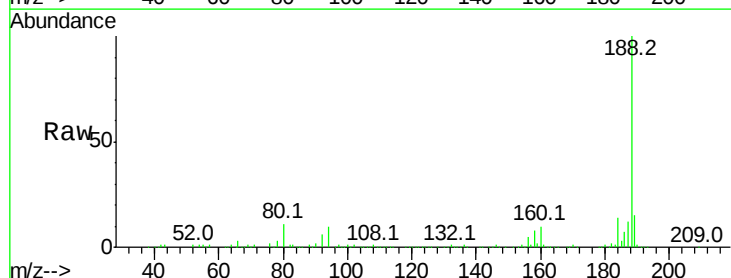
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 ClientSampleId :

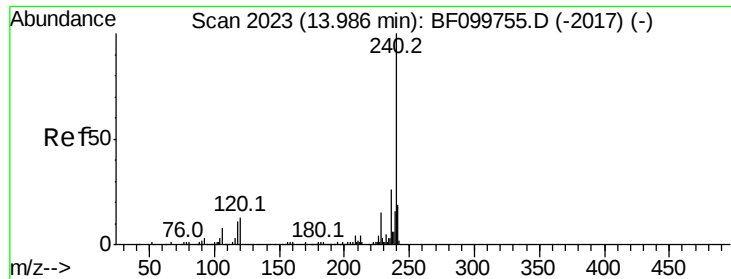
Tot Ion:165 Resp: 24699
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF100164.D
 Acq: 4 Nov 2017 5:47

Tgt Ion:188 Resp: 253211
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.1 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF100164.D

Acq: 4 Nov 2017 5:47

Instrument :

BNA_F

ClientSampleId :

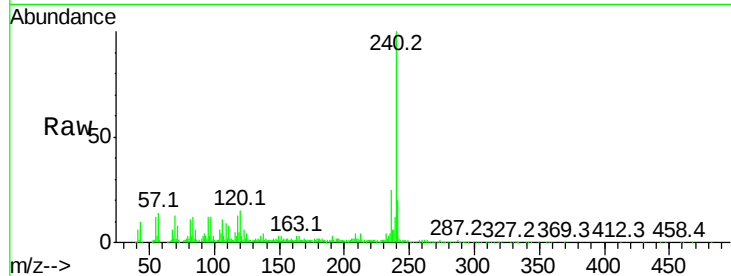
Tot Ion:240 Resp: 143810

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

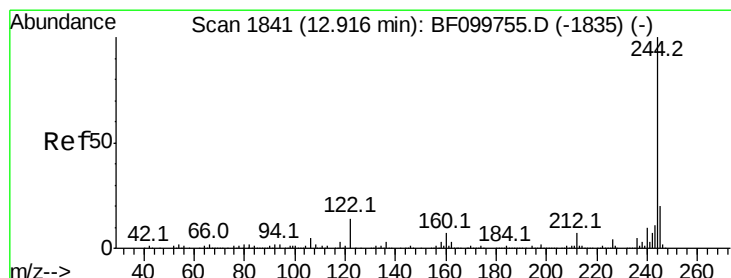
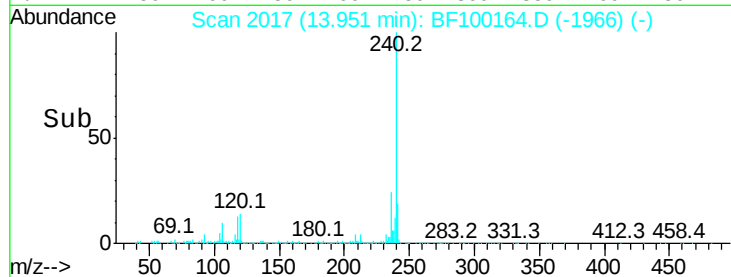
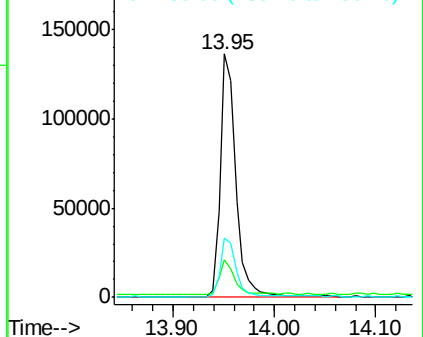
236 24.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 71.361 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF100164.D

Acq: 4 Nov 2017 5:47

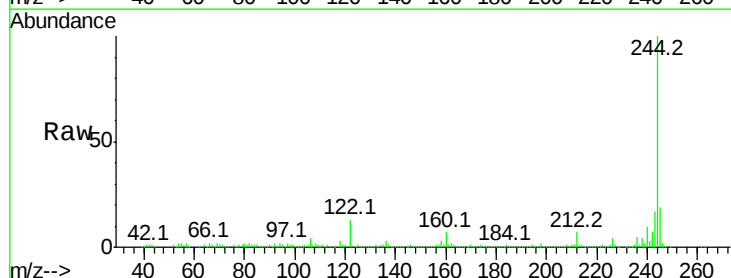
Tgt Ion:244 Resp: 469594

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

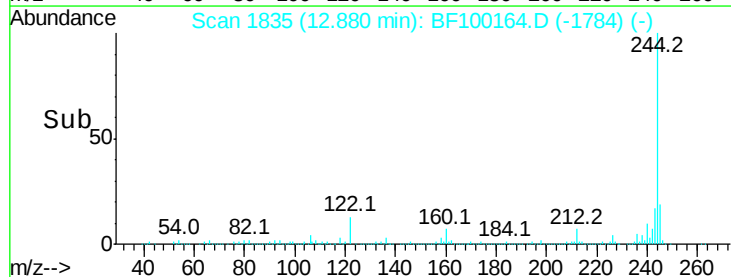
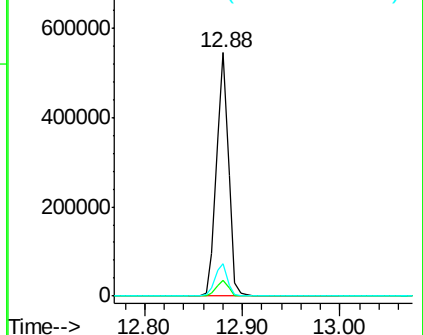
122 13.3 11.0 16.4

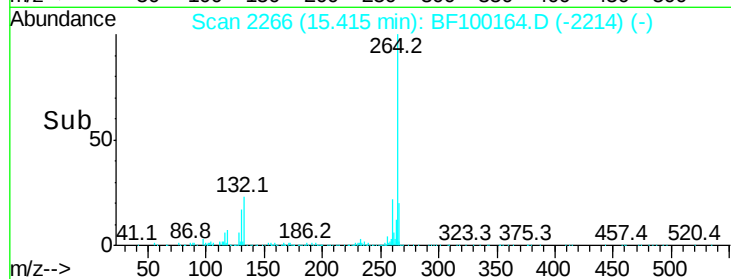
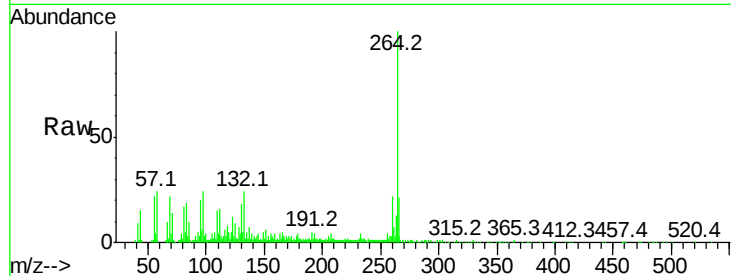
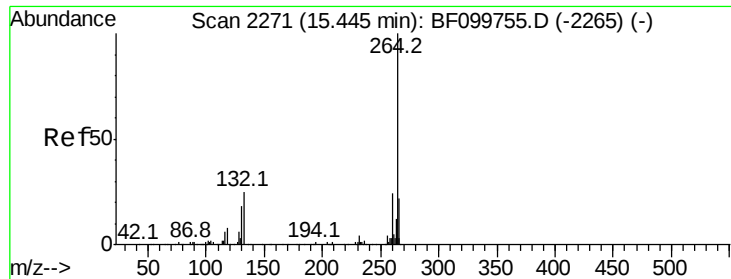


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BF100164.D

Acq: 4 Nov 2017 5:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 147194

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 21.0 17.5 26.3

